Appln. No.: 10/673,000 UOD-154US1

Amendment Dated: September 11, 2007 Reply to Office Action of June 11, 2007

<u>Amendments to the Claims:</u> This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

- 1. (Currently Amended) A method for recovering native protein from a sample comprising protein aggregates, said method comprising the steps of:
- (a) obtaining a sample comprising protein aggregates, wherein said sample has been exposed to 3.5M urea or less;
- (b) subjecting the sample of step (a) to elevated hydrostatic pressure, whereby a portion of protein dissociates from said protein aggregates; and
- (c) returning the sample of step (b) to ambient pressure, whereby a portion of the dissociated protein refolds to native protein.
- 2. (Original) The method of claim 1, wherein said protein aggregates are inclusion bodies.
- 3. (Previously Presented) The method of claim 1, wherein said elevated hydrostatic pressure is insufficient to fully denature said protein.
- 4. (Original) The method of claim 1, wherein said sample further comprises a chaotropic agent in an amount which is insufficient to denature said native protein at ambient pressure.
- 5. (Previously Presented) The method of claim 4, wherein said elevated hydrostatic pressure is insufficient to fully denature said protein.
- 6. (Original) The method of claim 5, wherein said protein aggregates are inclusion bodies.
- 7. (Currently Amended) A method for recovering native protein from a sample comprising protein aggregates, said method comprising the steps of:

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(a) obtaining a sample comprising protein aggregates, <u>wherein said sample has been</u> <u>exposed to 3.5M urea or less, and wherein said protein aggregates are comprised of protein folding intermediates of a native protein;</u>

- (b) subjecting the sample of step (a) to elevated hydrostatic pressure, whereby a portion of said protein folding intermediates dissociate from said protein aggregates; and
- (c) returning the sample of step (b) to ambient pressure, whereby a portion of the dissociated protein folding intermediates refold to native protein.
- 8. (Previously Presented) The method of claim 7, wherein said elevated hydrostatic pressure is insufficient to fully denature said protein folding intermediates.
- 9. (Original) The method of claim 7, wherein said protein aggregates are inclusion bodies.
- 10. (Original) The method of claim 7, wherein said sample further comprises a chaotropic agent in an amount which is insufficient to denature said native protein at ambient pressure.
- 11. (Previously Presented) The method of claim 10, wherein said elevated hydrostatic pressure is insufficient to fully denature said protein folding intermediates.
- 12. (Original) The method of claim 11, wherein said protein aggregates are inclusion bodies.
- 13-18. (Withdrawn)
- 19. (New) The method of claim 1, wherein the sample contains no urea.
- 20. (New) The method of claim 7, wherein the sample contains no urea.